

## SEQUENCE LISTING



<110> Tian, Hui  
Schultz, Joshua  
Shan, Bei  
Tularik Inc.

<120> Sitosterolemia Susceptibility Gene (SSG) : Compositions  
and Methods of Use

<130> 018781-006020US

<140> US 09/837,992  
<141> 2001-04-18

<150> US 60/198,465  
<151> 2000-04-18

<150> US 60/204,234  
<151> 2000-05-15

<160> 45

<170> PatentIn Ver. 2.1

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<213> Mus musculus

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amino acid sequence

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Thr Glu Ala Arg His Ser Leu Gly Val Leu His Val Ser Tyr Ser Val  
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Trp Asp Arg Gln Ile Leu Lys Asp Val Ser Leu Tyr Ile Glu Ser Gly  
65 70 75 80  
Gln Ile Met Cys Ile Leu Gly Ser Ser Gly Ser Gly Lys Thr Thr Leu  
85 90 95  
Leu Asp Ala Ile Ser Gly Arg Leu Arg Arg Thr Gly Thr Leu Glu Gly  
100 105 110  
Glu Val Phe Val Asn Gly Cys Glu Leu Arg Arg Asp Gln Phe Gln Asp  
115 120 125  
Cys Phe Ser Tyr Val Leu Gln Ser Asp Val Phe Leu Ser Ser Leu Thr  
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Val Arg Glu Thr Leu Arg Tyr Thr Ala Met Leu Ala Leu Cys Arg Ser  
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Ser Ala Asp Phe Tyr Asn Lys Lys Val Glu Ala Val Met Thr Glu Leu  
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Ser Leu Ser His Val Ala Asp Gln Met Ile Gly Ser Tyr Asn Phe Gly  
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Gly Ile Ser Ser Gly Glu Arg Arg Val Ser Ile Ala Ala Gln Leu  
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Arg Arg Asp Arg Ile Val Ile Val Thr Ile His Gln Pro Arg Ser Glu  
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275 280 285

Gly Tyr Pro Cys Pro Glu His Ser Asn Pro Phe Asp Phe Tyr Met Asp  
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Lys Arg Val Gln Met Leu Glu Cys Ala Phe Lys Glu Ser Asp Ile Tyr  
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His Lys Ile Leu Glu Asn Ile Glu Arg Ala Arg Tyr Leu Lys Thr Leu  
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Val Gln Asp Arg Val Gly Leu Leu Tyr Gln Leu Val Gly Ala Thr Pro  
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Tyr Thr Gly Met Leu Asn Ala Val Asn Leu Phe Pro Met Leu Arg Ala  
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<223> human sitosterolemia susceptibility gene (SSG)  
amino acid sequence

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Pro	Glu	Pro	His	Ser	Leu	Gly	Ile	Leu	His	Ala	Ser	Tyr	Ser	Val	Ser
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His	Arg	Val	Arg	Pro	Trp	Trp	Asp	Ile	Thr	Ser	Cys	Arg	Gln	Gln	Trp
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Thr	Arg	Gln	Ile	Leu	Lys	Asp	Val	Ser	Leu	Tyr	Val	Glu	Ser	Gly	Gln
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Ile	Met	Cys	Ile	Leu	Gly	Ser	Ser	Gly	Ser	Gly	Lys	Thr	Thr	Leu	Leu
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Arg Glu Thr Leu His Tyr Thr Ala Leu Leu Ala Ile Arg Arg Gly Asn  
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Pro Gly Ser Phe Gln Lys Lys Val Glu Ala Val Met Ala Glu Leu Ser  
165 170 175  
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Gln Asp Pro Lys Val Met Leu Phe Asp Glu Pro Thr Thr Gly Leu Asp  
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Met Val Pro Phe Lys Thr Lys Asp Ser Pro Gly Val Phe Ser Lys Leu  
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tgactgctctt gaacgtctga aatgagatgtt ccatgtattt ctttcttgac aggacatctc 300  
aagtctttta accattaaga ctccatttgtt gcctcttggaa tccaaggcagg ccttgaatgc 360  
aatggaaatgtt gtttatacgcc ccttgctttt acaacttgca gggacatgtt gtattttggaa 420  
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16

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